

Abridged Number

Before May 2019, Youtube show subscribers number in detailed such as 1,454,039. But since then, it has been changed to abridged number such as 1.5M. You will write a program that abridge a number .

Input

1 Integer

Output

Abridged Number of input (Figuring out the abridge logic from example below) .

Example

Input (from keyboard)	Output (on screen)
32	32
8456	8.5K
84560	85K
108283	108K
2293910	2.3M
580912391	581M
1301008191	1.3B
2555555555	26B
255555555555	2556B